

Converting Colors

$Yxy(57.6370, 0.3258, 0.3904)$

Have a look what the booklet for
Yxy(57.6370, 0.3258, 0.3904)
contains.

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Color

Yxy(57.4736, 0.3257, 0.3903)

Conversions

Conversions Part 1

Format	Color
Hex	B5D0A0
RGB	181, 208, 160
RGB Percent	71%, 82%, 63%
CMY	0.2901, 0.1843, 0.3726
CMYK	0.13, 0.00, 0.23, 0.18
HSL	94°, 34%, 72%
HSV	94°, 23%, 82%
XYZ	47.9609, 57.4736, 41.8204
YIQ	194.4550, -0.6840, -20.6520

Conversions

Conversions Part 2

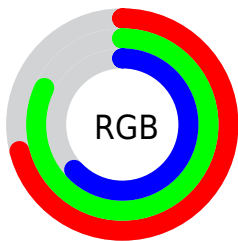
Format	Color
RYB	160, 208, 187
Decimal	11915424
CIELab	80.45, -17.65, 20.90
CIElCh	80, 27.358, 130.172
Yxy	57.4736, 0.3257, 0.3903
Android (android.graphics.Color)	4290105504 (0xFFB5D0A0)
YUV	194.4550, -16.9863, -11.8000
Hunter-Lab	75.8113, -19.7445, 20.3613

Details

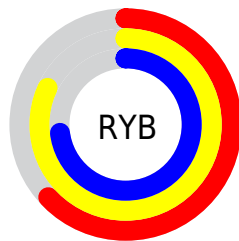
The Yxy color **57.4736, 0.3257, 0.3903** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.2549, 0.2967, 0.2687**, and the grayscale version is **54.3388, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4308, 0.3246, 0.3696**, and **28.7831, 0.3287, 0.4084** is the 20% darker color. If you saturate the color by 10%, you get **55.4536, 0.3307, 0.4200**, and if you desaturate by 10%, it is **59.7389, 0.3202, 0.3623**.

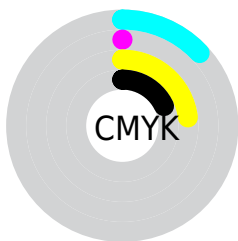
Distribution



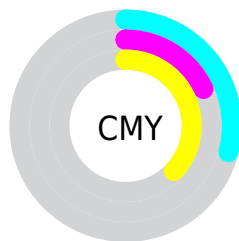
- Red (71%)
- Green (82%)
- Blue (63%)



- Red (63%)
- Yellow (82%)
- Blue (73%)



- Cyan (13%)
- Magenta (0%)
- Yellow (23%)
- Black (18%)





- Cyan (29%)
- Magenta (18%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.4736, 0.3257, 0.3903 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 57.4736, 0.3257, 0.3903 by changing the saturation by 10% instead.


 57.4736, 0.3257,
0.3903


 57.4736, 0.3257,
0.3903


415.2216, 0.3200,
0.3598

 41.3856, 0.3269,
0.3978


 101.1559, 0.3238,
0.3793

 28.6205, 0.3283,
0.4074


 129.5190, 0.3230,
0.3751

 18.7939, 0.3299,
0.4201


162.7426, 0.3223,
0.3716

 11.5215, 0.3318,
0.4376

201.2110, 0.3218,
0.3686

 6.4187, 0.3336,
0.4630

245.3088, 0.3212,
0.3660

 3.1013, 0.3343,
0.5029

295.4202, 0.3208,

 1.1849, 0.3606,

0.3637

0.6394

351.9297, 0.3203,
0.3616

0.0493, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.4736, 0.3257,
0.3903

57.4736, 0.3257,
0.3903

55.4536, 0.3307,
0.4200

59.7389, 0.3202,
0.3623

53.6625, 0.3350,
0.4507

62.2505, 0.3145,
0.3365

52.0931, 0.3380,
0.4812

65.0189, 0.3088,
0.3130

50.7352, 0.3393,
0.5099

68.0516, 0.3033,
0.2919

■ 49.5774, 0.3388,
0.5353

■ 70.7629, 0.3038,
0.2815

■ 48.6069, 0.3363,
0.5558

■ 72.8687, 0.3121,
0.2827

■ 47.8087, 0.3318,
0.5705

■ 73.5914, 0.3149,
0.2831

■ 47.3417, 0.3281,
0.5777

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.4736, 0.3587, 0.3908



57.4736, 0.3257, 0.3903



57.4736, 0.2905, 0.3702

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.4736, 0.3257, 0.3903



57.4736, 0.2492, 0.2805



57.4736, 0.3649, 0.3181

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



57.4736, 0.3257, 0.3903



40.2549, 0.2967, 0.2687

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



57.4736, 0.3328, 0.2924



57.4736, 0.3257, 0.3903



57.4736, 0.2665, 0.2709

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.4736, 0.3257, 0.3903



57.4736, 0.2476, 0.3042



57.4736, 0.2966, 0.2755



57.4736, 0.3825, 0.3474

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.4736, 0.3257, 0.3903



57.4736, 0.2704, 0.3490



57.4736, 0.2966, 0.2755



57.4736, 0.3554, 0.3088

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



57.4761, 0.3257, 0.3903



97.0503, 0.3168, 0.3465



51.2332, 0.3528, 0.3615



20.7203, 0.3171, 0.3481



0.0000, 0.0000, 0.0000



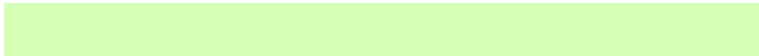
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.4761, 0.3257, 0.3903



89.3928, 0.3284, 0.4057



55.2072, 0.3081, 0.3900



13.4560, 0.3181, 0.3526



29.5613, 0.3291, 0.5769



1.6995, 0.3437, 0.5653

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



40.2549, 0.2967, 0.2687



57.1377, 0.2922, 0.2539



42.9865, 0.3175, 0.2747



11.7406, 0.3069, 0.3056



5.2482, 0.2156, 0.0961



0.3400, 0.2343, 0.1064

Previews

White Background



This preview shows how the Yxy color 57.4736, 0.3257, 0.3903 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 57.4736, 0.3257, 0.3903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

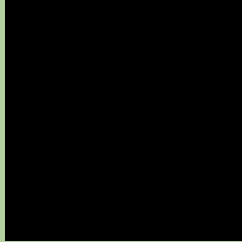
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.4736, 0.3257, 0.3903

Background



This preview shows how black text looks on a background with the Yxy color 57.4736, 0.3257, 0.3903.

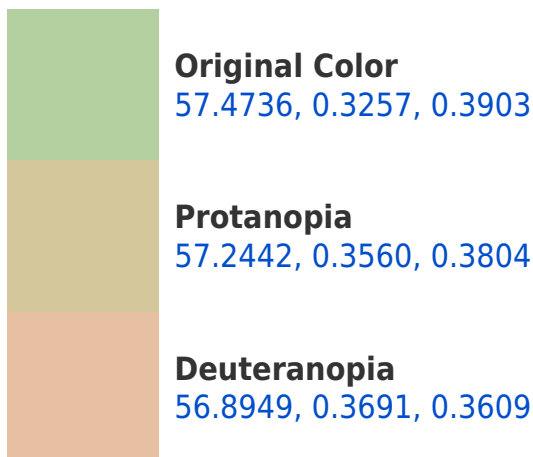


This preview shows how white text looks on a background with the Yxy color 57.4736, 0.3257, 0.3903.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

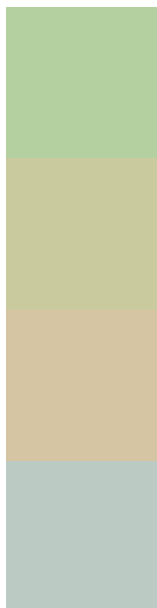




Tritanopia

57.2136, 0.2940, 0.3099

Trichromacy



Original Color

57.4736, 0.3257, 0.3903

Protanomaly

57.0929, 0.3452, 0.3842

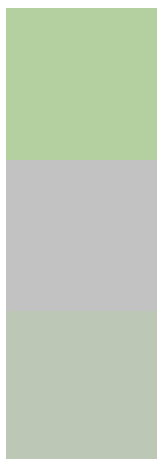
Deuteranomaly

56.6873, 0.3527, 0.3708

Tritanomaly

57.2622, 0.3055, 0.3376

Monochromacy



Original Color

57.4736, 0.3257, 0.3903

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

55.0431, 0.3172, 0.3503

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4736, 0.3257, 0.3903 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(181, 208, 160)` looks like.

```
.text, #text, p{  
    color:rgb(181, 208, 160)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(181, 208, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 208, 160) }
```

Border

The CSS property to change the border of an element to Yxy 57.4736, 0.3257, 0.3903 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 208, 160) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(181, 208, 160) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(181, 208, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 208, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 208, 160);  
box-shadow:4px 4px 4px 4px rgb(181, 208,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4736, 0.3257, 0.3903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 208, 160) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(181,  
208, 160) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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